

Ship July 15th

# Work Order ID 60160

June 29, 2010 10:35:49 AM



Page 1

Item ID: D119-646-452

Accept



Setup

Start



Revision ID:

Stop



Item Name: Wearplates, RH, OEM

Start Date: 6/28/10 Start Qty: 1.00

Required Date: 7/07/10 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI 9526

A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy blue file & type labels as per PPP D119-646-452 / DSI 9526 CHG 001

Solo 16

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10-7-95

(12)

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

Solo 16

(41)

# Work Order ID 60160

June 29, 2010 10:35:49 AM



Page 2

Item ID: D119-646-452

Accept



Setup Start



Revision ID:

Stop



Item Name: Wearplates, RH, OEM

Start Date: 6/28/10 Start Qty: 1.00



Cust Item ID:

Required Date: 7/07/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D119-646-452 / DSI 9526

Location:

PPP rev: 0165A

*10/7/16*

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*1009-16*

*MF*  
*10-7-16*

# Picklist Print

June 29, 2010 10:35:47 AM

Page 1 / 2

Work Order ID: 60160

Parent Item: D119-646-452

Parent Item Name: Wearplates, RH, OEM



Start Date: 6/28/10

Start Qty: 1.00

Required Date: 7/07/10

Required Qty: 1.00

Comments: IPP Rev:A 10.06.25 new issue DD ver:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S D4132-042  Wearplate, RH Fwd		Manufactured	No			110	Each	0.0000	1	1		6/2/68	C
S D4133-041  Wearplate, Mid		Manufactured	No			110	Each	0.0000	1	1		6/2/65	C
S D4134-042  Wearplate, RH Aft		Manufactured	No			110	Each	0.0000	1	1		6/2/69	C
S D4135-1  Wearpad		Manufactured	No			110	Each	0.0000	3	3		6/2/67	C
S AELS-1032-130  INSERT		Purchased	No			110	Each	0.0000	20	20		M114407 10-7-98	
S AELS-1032-225  INSERT		Purchased	No			110	Each	0.0000	12	12		M110765 10-7-98	

AELS-1032-225

# Picklist Print

June 29, 2010 10:35:47 AM

Page 2 1/2

Work Order ID: 60160

Parent Item: D119-646-452

Parent Item Name: Wearplates, RH, OEM



Start Date: 6/28/10

Required Date: 7/07/10

Start Qty: 1.00

Required Qty: 1.00

AN3CSA

Purchased

No

110

Each

1,232.000

54

54



Bolt



10-7-958

## Location

## Loc Qty

## Loc Code

ST350

1217

114330

11

114523

18

114808

188

115015

1000

ST351

15

113121

10

114108

5

14  
40

5

NAS1149C0332R

Purchased

No

110

Each

5,120.000

54

54



Washer



10-7-958

10

## Location

## Loc Qty

## Loc Code

ST297

5120

113524

10

113737

150

114341

36

115000

4924

54

June 29, 2010 10:35:47 AM

Shop Packet Print

Page 2

Ship July 15th

# Work Order ID 60160

June 29, 2010 10:35:49 AM



Page 1

Item ID: D119-646-452

Accept



Setup Start



Revision ID:

Item Name: Wearplates, RH, OEM

Stop



Start Date: 6/28/10 Start Qty: 1.00



Required Date: 7/07/10 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI 9526

A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy blue file & type labels as per PPP D119-646-452 / DSI 9526 CHG 001

CL 10/17/8

REFERENCE ONLY

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

## REFERENCE ONLY

### PARTS LIST

QTY -451	QTY -452	PART NUMBER	DESCRIPTION
X		D119-646-451	WEARPLATE KIT, OEM LH
	X	D119-646-452	WEARPLATE KIT, OEM RH
1		D4132-041	WEARPLATE, FWD LH
1		*D4132-3	GASKET (BONDED WITH 3M 1300/1300L)
	1	D4132-042	WEARPLATE, FWD RH
	1	*D4132-3	GASKET (BONDED WITH 3M 1300/1300L)
1	1	D4133-041	WEARPLATE, MID
1	1	*D4133-3	GASKET (BONDED WITH 3M 1300/1300L)
1		D4134-041	WEARPLATE, AFT
1		*D4134-3	GASKET (BONDED WITH 3M 1300/1300L)
	1	D4134-042	WEARPLATE, AFT
	1	*D4134-3	GASKET (BONDED WITH 3M 1300/1300L)
3	3	D4135-1	WEARPAD
20	20	AELS-1032-130	INSERT
12	12	AELS-1032-225	INSERT
54	54	AN3C5A	BOLT
54	54	NAS1149CO332R	WASHER

\* denotes that part is included in assembly above

### WEIGHT AND BALANCE

The following weight and balance information is for the Dart D119-646-451/-452 kits only. The weight and balance of the wearplates removed are the responsibility of the installer.

Installation	Weight	LONGITUDINAL		LATERAL	
		Arm	Moment	Arm	Moment
D119-646-451	10.8 lb	117.7 in	1271 in lb	-39.4 in	-426 in lb
WEARPLATE KIT, LH	4.9 kg	2.99 m	14.7 m kg	-1.00 m	-4.9 m kg
D119-646-452	10.8 lb	117.7 in	1271 in lb	+39.4 in	+426 in lb
WEARPLATE KIT, RH	4.9 kg	2.99 m	14.7 m kg	+1.00 m	+4.9 m kg

DESIGN	92	<b>DART AEROSPACE USA, INC</b>	
DRAWN	92	PORT HADLOCK, WA	
CHECKED	H	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9526	SHEET 2 OF 3
APPROVED	H	TITLE	SCALE
DE APPR.	H	OEM WEARPLATE KIT	NTS
DATE	10.06.11		
COPYRIGHT © 2010 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.			